



**CONSOLIDATED APPLICATION FORM  
IRRIGATION EFFICIENCIES GRANTS  
PROGRAM/TRUST WATER RIGHTS PROGRAM**



**Project Name: Gardena Farms Irrigation District #13  
South Lateral Piping**

(Check all that apply.)

☐ Temporary

IF TEMPORARY, START DATE \_\_\_\_/\_\_\_\_/\_\_\_\_

Contract No. \_\_\_\_\_

END DATE \_\_\_\_/\_\_\_\_/\_\_\_\_

☒ Permanent

☒ Portion of the identified existing water right

**\*\*IF MORE SPACE IS NEEDED, ATTACH ADDITIONAL SHEETS\*\***

RECEIVED  
NOV 16 2010

**1. Recipient Information:**

DEPARTMENT OF ECOLOGY  
EASTERN REGIONAL OFFICE

☒ Yes ☐ No Does the Cost Share Recipient own all water rights pertinent to this project proposal?

APPLICANT/BUSINESS NAME Gardena Farms Irrigation District #13	PHONE NO. (509)394-2331	FAX NO. ( )
ADDRESS 539 White Road		
CITY Touchet	STATE WA	ZIP CODE 99360-9740

**2. How is Water to be Made Available for Trust from the Walla Walla River**

<input type="checkbox"/> Alteration in method of diversion	<input type="checkbox"/> Alteration in water use/ irrigated acreage
<input checked="" type="checkbox"/> Alteration in method of delivery/conveyance	<input type="checkbox"/> Alteration in method of water application
<input type="checkbox"/> Other, Explain:	
Project Summary:  See EXHIBIT A	



### 3. Project Cost Share Information

LEASE LENGTH PROPOSAL (IN YEARS)	Permanent
PROPOSED WATER SAVINGS AMOUNT (CFS)	3.99 CFS
PERCENTAGE OF TOTAL WATER SAVINGS TO TRUST	100 PERCENT
ESTIMATED COST OF PROJECT PROPOSAL (Includes \$415,000 of ECY funds spent by GFID in 2005-06)	\$ 1,750,000.00
COST SHARE AMOUNT REQUESTED (Includes \$415,000 of ECY funds spent by GFID in 2005-06)	\$615,000.00
NUMBERS OF ACRES SERVED BY THIS PROPOSAL	2,303
COST PER ACRE	\$760.00
COST PER CFS	\$438,500.00
MATCH DOLLAR SOURCE? BPA AMOUNT: \$1,135,000.00	\$1,135,000.00
COST PER ACRE-FOOT	\$1,005.00

### WATER RIGHT DESCRIPTION

#### 4. Water Right Holder Information

If Water Right Holder is the Cost Share Recipient, please skip to number 5.

NAME (IF DIFFERENT FROM ABOVE)	PHONE NO. ( )	FAX NO. ( )
IS THE WATER RIGHT HOLDER AN IRRIGATION DISTRICT?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
IS THE PLACE OF USE WITHIN AN IRRIGATION DISTRICT?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
ADDRESS		
CITY	STATE	ZIP CODE

#### 5. Water Right Information:

Please attach copies of any documentation that demonstrates consistent, historical use of water since the right was established.

WATER RIGHT OR CLAIM NUMBER Adjudicated certificate 406	RECORDED NAME(S) Gardena Farms Irrigation District #13
DO YOU OWN THE RIGHT? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF NO, PROVIDE OWNER(S) NAME and ADDRESS:	
HAS THE WATER BEEN PUT TO BENEFICIAL USE IN THE LAST FIVE (5) YEARS? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO ARE WATER DIVERSIONS / WITHDRAWALS OF THIS WATER RIGHT METERED OR MEASURED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO ARE PUMP-POWER RECORDS AVAILABLE FOR THE LAST FIVE YEARS? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO ARE AERIAL PHOTOS OF THE PROJECT SITE AVAILABLE? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO ARE FSA CROP RECORDS AVAILABLE? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO ARE THERE ANY OTHER RIGHTS, CLAIMS, OR RELEVANT CHANGES ASSOCIATED WITH THE PROJECT AREA? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
<b>IMPORTANT!</b> PROVIDE INFORMATION OF THE EXTENT OF WATER USE FOR EACH OF THE LAST FIVE YEARS:  SEE EXHIBIT B - DRAFT "VALIDITY AND EXTENT LETTER". GFID#13 HAS ACCURATE DIVERSION METERING DATA WHICH CAN BE PROVIDED UPON REQUEST.	



## 6. Project Water Information

NUMBER OF ESA OR SASSI LISTED SPECIES IN AFFECTED TRIBUTARY? Mid-Columbia Steelhead Trout and Bull Trout

MONTHS CRITICAL TO LISTED SPECIES? (PLEASE HIGHLIGHT OR CIRCLE)

January February March April May June July August September October November December

MONTHS WHEN PROJECT WATER SAVINGS WILL INCREASE INSTREAM FLOW IN PROJECT TRIBUTARY? (Circle any)

January February March April May June July August September October November December

3.99 cfs

3.99 cfs

HISTORIC / BENEFICIAL USE QUANTITY OF THE WATER RIGHT? (Highest of the last 5 irrigation seasons; in instantaneous rate and annual quantity)

CFS 98.5

AC-FT 27,527

TOTAL QUANTITY OF PROJECT WATER SAVINGS?

CFS 3.99

AC-FT 1741.1

WILL THE INSTANTANEOUS RATE SAVINGS VARY FROM MONTH TO MONTH THROUGH THE IRRIGATION SEASON?

☐ YES ☒ NO

(Please list quantities by month)

January February March April May June July August September October November December

3.99 cfs

3.99 cfs

QUANTITY OF PROJECT WATER SAVINGS TO TRUST?

CFS 3.99

AC-FT 1741.1

WILL THE INSTANTANEOUS RATE SAVINGS APPLIED TO THE TRUST VARY FROM MONTH TO MONTH THROUGH THE IRRIGATION SEASON?

☒ YES ☐ NO

(Please list quantities by month)

January February March April May June July August September October November December

3.99 cfs

3.99 cfs

Please explain: Low flows and senior downstream water rights prevents GFID13 from diverting their water right between latter July and the early October, depending on the year. Freeze up of the open ditch conveyance system prevents diversion between late December and the first of March, again depending on the year.

IS THE WATER RIGHT PART OF AN ADJUDICATED BASIN?

☒ YES ☐ NO

Walla Walla River Basin Adjudication Decree No. 19075, Walla Walla County, September 12, 1928.

EXPLAIN HOW THE SENIORITY OF THE RIGHT(S) RELATES TO OTHER RIGHTS WITHIN THE PRIMARY REACH:

The Gardena Farms Irrigation District No. 13 (GFID) water right, Adjudicated Certificate No. 406, carries a priority date of 1892, Class 30. There are 48 diversion stations, which include 4 ditch diversions, located within the primary reach below the GFID diversion. The water rights that authorize these diversions are a mix of Adjudicated water rights, both senior and junior to GFID, and state issued water rights, all of which are junior to the GFID right. During summer low flow periods, the rights senior in priority to GFID within the primary reach make calls for water, which collectively cause GFID to cease diversion of water from approximately mid-July to October 1 of each year.

EXPLAIN HOW THE SENIORITY OF THE RIGHT(S) RELATES TO OTHER RIGHTS ABOVE AND BELOW THE PRIMARY REACH:

ABOVE: There are 4 pumping stations on the mainstem WW River above the primary reach (GFID diversion to Stateline). The rights associated with these pumping stations are all junior to GFID, and GFID will call for regulation of these diversions when they are unable to fill their right, generally in late spring and again when they begin diverting again in early fall. There are also water rights junior to GFID on Yellowhawk Creek which may be regulated in favor of GFID during low flow periods.

BELOW: There are 6 pumping stations located below the primary reach, which extends to the mouth of the WW. All of these rights are junior in priority to GFID.



## Point(s) of Diversion/Withdrawal:

### A. Existing POD

SOURCE	NO.	¼	¼	SEC.	TWP.	RGE.	PARCEL #	WELL TAG #
Walla Walla River		SW	SW	3	6	35		

Please include copies of all water well reports involved with this proposal. Also, if you know the distances from the nearest section corner to the above point(s) of diversion/withdrawal, please include that information in Item No. 6 (remarks) or as an attachment.

### B. Proposed POD

SOURCE	NO.	¼	¼	SEC.	TWP.	RGE.	PARCEL #	WELL TAG #
Walla Walla River		SW	SW	3	6	35		

## 7. Purpose of Use:

### A. Existing Use of the Water Right

PURPOSE OF USE	GPM or CFS	ACRE-FT/YR	PERIOD OF USE
Irrigation of 2,303 acres (32.9% of 7,000 total acres in GFID)	93.33 cfs	27,527.00	4/1 – 7/1
	70.00 cfs	(total)	7/1 – 10/1
	100.00 cfs		10/1 -- 4/1

### B. Proposed Use of the Water Right

PURPOSE OF USE	GPM or CFS	ACRE-FT/YR	PERIOD OF USE
Irrigation of 2,303 acres (32.9% of 7,000 total acres in GFID)	89.34 cfs	25,785.90	4/1 – 7/1
	66.01 cfs	(total)	7/1 – 10/1
	136.01 cfs		10/1 -- 4/1
Trust Water (100%)	3.99 cfs	1741.10	4/1 – 7/1
	3.99 cfs	(total)	7/1 – 10/1
	3.99 cfs		10/1 -- 4/1

## 8. Place of Use:

### A. Existing:

#### LEGAL DESCRIPTION OF LANDS WHERE WATER IS PRESENTLY USED:

See legal description of entire Gardena Farms Irrigation District #13 in water right certificate 406 attached as **EXHIBIT C**. See delineation of "Gardena South Service Area" which is attached as **EXHIBIT D**

¼	¼	SEC.	TWP.	RGE.	COUNTY	PARCEL #	# OF ACRES



DO YOU OWN ALL THE LANDS IN THE EXISTING PLACE OF USE? ☐ YES ☒ NO – IF NO, PROVIDE OWNER(S) NAME:

The signatory, Mike Ingham, is the Board Chairman for the Gardena Farms Irrigation District #13 and is acting on behalf of 14 landowners who own parcels irrigated by the District. A list of parcel owner names and addresses is attached (EXHIBIT E).

**B. Proposed:**

IDENTIFY THE WATER BODY TO BE BENEFITED OR OTHER PLACE TO BE BENEFITED

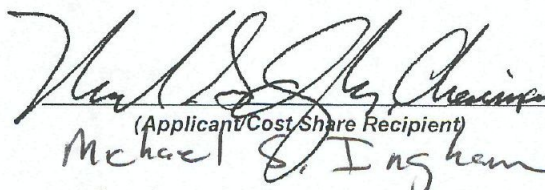
The Walla Walla River from RM 36.5 to the mouth.

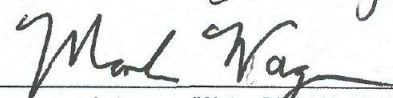
**9. Remarks and Other Relevant Information:**

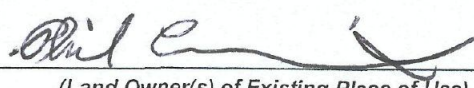
A *Comprehensive Irrigation District Management Plan* (CIDMP) was drafted for GFID in 2004 but never released in final form. During the 2002-04 field testing effort seepage tests were conducted and estimates of water loss were generated. The CIDMP also provided estimates of tailwater discharge rates and of water loss due to evaporation. Photocopies of the pages of the draft CIDMP pages containing seepage, evaporation and tailwater discharge data used in this application are provided in **Exhibit F**. An electronic version of the entire draft CIDMP is available on CD from GFID upon request. **Exhibit G** is a summary of the rationale used in determining GFID water loss due to seepage, evaporation and tailwater discharge.

**10. Signatures:**

*I certify that the information above is true and accurate to the best of my knowledge. I understand that in order to process my application, I am hereby granting staff from the Department of Ecology access to the above site(s) for inspection and monitoring purposes. If assisted in the preparation of the above application, I understand that all responsibility for the accuracy of the information rests with me. I also understand that I may rescind this application at any time prior to signing the Irrigation Efficiencies Grants Program's Cost Share Agreement with no other obligations or requirements.*

  
(Applicant/Cost Share Recipient) GFID #13, April 19, 2010  
(Date)

  
(Water Right Holder) 11/11/10  
(Date)  
Mark Wagoner Board member

  
(Land Owner(s) of Existing Place of Use) 11/11/10  
(Date)  
Phil Cummins  
Board Member

**For further information contact:**

Your local conservation district